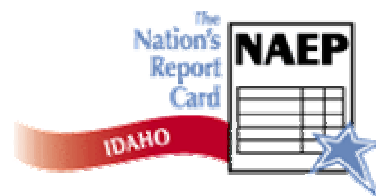


# Mathematics 2003, Grade 8

Mathematics Composite

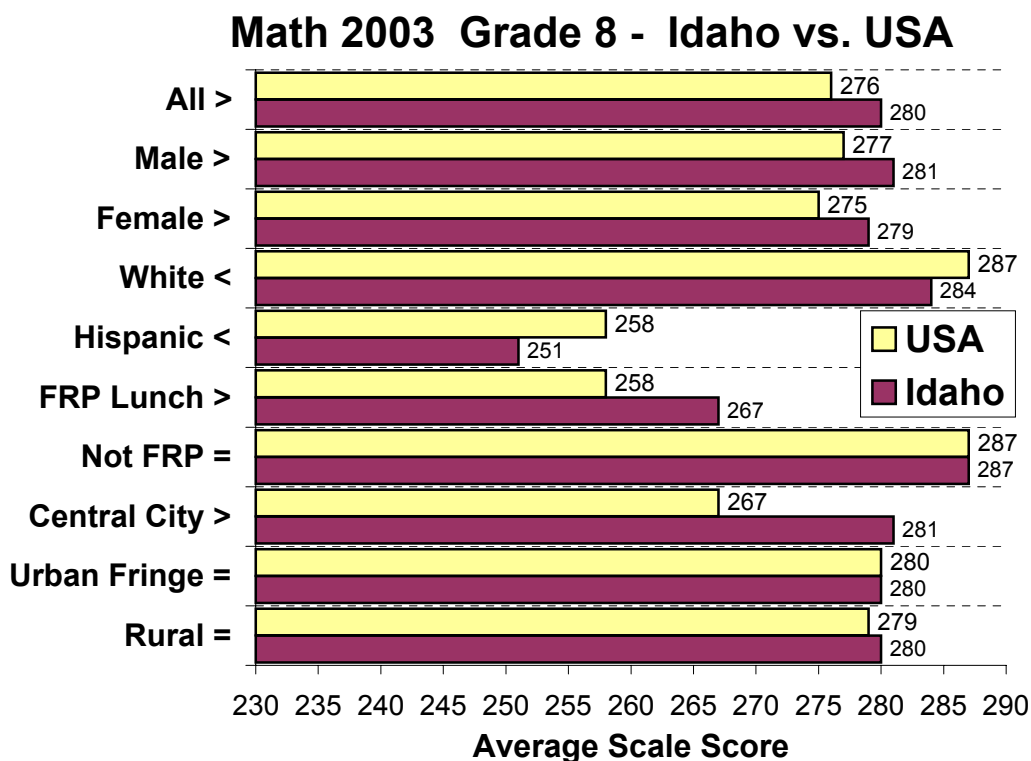


Idaho NAEP Snapshot

Volume 2003, Number 20

The Mathematics assessment of the National Assessment of Educational Progress (NAEP) used multiple-choice and constructed-response questions to examine student skills with number properties and operations, measurement, geometry, data analysis and probability, and algebra. The math scale ranges from 0 to 500, where 262 is a *Basic* performance, 299 is *Proficient*, and 333 is *Advanced*.

## Demographic Group Comparison on Mathematics Average Scale Score



♦ In 2003, five groups of Idaho eighth grade students had an average scale score on the mathematics assessment that was higher than that of their national counterparts: all students; male students; female students; students from low income families (i.e., students who qualify for free or reduced price meals in the National School Lunch Program); and central city students (as defined by the Census Bureau).

♦ In 2003, three demographic groups of Idaho eighth grade students had an average scale score on the mathematics assessment that was not significantly different from that of their national counterparts: students who are not eligible for free or reduced price meals in the National School Lunch Program; urban fringe students; and rural students.

♦ In 2003, two demographic groups of Idaho eighth grade students had an average scale score on the Writing assessment that was lower than that of their national counterparts: White students; and Hispanic students.

Comparisons based on statistical tests (.05 level) that consider sample size, magnitude of difference, and standard errors.

Visit <http://www.sde.state.id.us/naep/> for additional results and more information about Idaho NAEP.